The gathering at Mack Creek comes to a close. You and a friend decide to continue up the trail to Lookout Mountain. After a gradual two mile climb from valley floor to mountain top you arrive at the base of a tower. Upon entering you discover a familiar ladder rising through the dark enclosure to a bright platform above. You climb upwards and suddenly encounter a panoramic landscape sloping away below you. Your friend decides to climb down and explore the ridge and in their absence your thoughts turn towards the immense scale of life and your place within it.

This project investigates how the complementary characteristics of Mack Creek and Lookout Mountain can be translated into spiritual focus and building form. On many levels, each site functions as one half of the same whole. In spatial terms there can be no valley low without a mountain high and spiritually there can be no individual discovery without group investigation. The two proposed structures reflect this dichotomy in that they are each one half of the same shape. The tower on lookout mountain can be placed directly on the tripod at Mack Creek to form one building that responds to both sites simultaneously.

Shortly after arriving at Mack Creek you and some friends find the trail you were told about and follow it into the woods. After a few minutes you pass under a three legged “creature” that soars overhead and down towards the creek. A ladder descends from its belly and invites you upward. You decide to climb and find yourself passing through the floor of a wooden room. The space opens onto the valley, inviting it to join you inside. Once everyone has ascended, the enclosure encourages inwardly focused discussion while celebrating the surrounding landscape.

Materials

- Cedar Shingles
- Hand Finished Concrete
- Wooden Gridshell
- Steel Mesh
- Solid Steel Piles
- Auger Piles
- Re-bar

Section Scale: 1/4" = 1’
Plan Scale: 1/8” = 1’
Plan Scale: 1/4” = 1’

Terrain is composed of complementary geometry
Structure responds to complementary geometry

50’ 100’ Site Plan

Proposed trail connecting two sites within H.J. Andrews

Location of H.J. Andrews Relative to Eugene & The Three Sisters

Detail of concrete & re-bar meeting pile
Detail of grid shell meeting concrete shell

1st: Drill and place steel piles
2nd: Build base of gridshell
3rd: Build gridshell & platform
4th: Cover gridshell in cedar shingles
5th: Cover floor frame in concrete & build wire frame for floor shell

ARCH 584 • Mark Donofrio • Fall 2013 • Ben Loeliger

Total Footprint
Lookout Mountain
13 Piles
Ladder
Mack Creek
13 Piles
Ladder

3 Piles
Piles

Total Footprint
Lookout Mountain
Mack Creek